

a third mixer which mixes the received TV signal and the an output of the second programmable divider and frequency converts the received TV signal into an intermediate-frequency signal having a predetermined second frequency,

wherein frequency conversion is carried out by the second mixer to receive the a TV signal having a predetermined first frequency band, and

wherein frequency conversion is carried out by the third mixer to receive the a TV signal having a frequency band lower than the predetermined first frequency band.

3. (Amended) The TV receiving tuner according to claim 2, wherein a dividing rate of the second programmable divider is variable and changed according to an area where it is used dependent upon a geographical location in which the TV receiving tuner is disposed.

4. (Amended) The TV receiving tuner according to claim 1, wherein further comprising:

a first tracking filter for selecting to select the TV signal having a predetermined first frequency band; and

a second tracking filter for selecting to select the TV signal having a the second frequency band lower than the predetermined frequency band are arranged in parallel to each other, wherein the first tracking filter; and

a PLL IC for outputting to output a tuning voltage for changing the that changes a frequency of the local oscillation signal output from the local oscillator is provided, and

wherein the tuning voltage is applied to the first tracking filter and the second tracking filter to tune a pass band of one of the first tracking filter or and the second tracking filter to a frequency of a the TV signal to be received.

6. (Amended) The TV receiving tuner according to claim 5, wherein further comprising:

a low-noise first preamplifier having an automatic gain control (AGC) function is provided after the first tracking filter; and wherein

a low-noise second preamplifier having an AGC function is provided after the second tracking filter.

7. (Amended) The TV receiving tuner according to claim 6, wherein  
further comprising:

a first image trap circuit for attenuating to attenuate an image frequency signal corresponding to a the TV signal to be received is interposed between the first preamplifier and the second mixer; and wherein

a second image trap circuit for attenuating an to attenuate the image frequency signal corresponding to a the TV signal to be received is interposed between the second preamplifier and the third mixer.

8. (Amended) The TV receiving tuner according to claim 1, wherein the local oscillator outputs an oscillation signal having a frequency band of at least 847 to 505 MHz, and wherein the dividing rate of the first programmable divider can be changed to at least may be set to different values including 1, 1/3 and 1/5.

9. (Amended) The TV receiving tuner according to claim 1, wherein the local oscillator outputs an oscillation signal having a frequency band of at least 803 to 473 MHz, and wherein the dividing rate of the first programmable divider can be changed to at least may be set to different values including 1, 1/3 and 1/9.

10. (Amended) The TV receiving tuner according to claim 1, wherein the local oscillator outputs an oscillation signal having a frequency band of at least 824 to 530 MHz, and wherein the dividing rate of the first programmable divider can be changed to at least may be set to different values including 1, 1/3 and 1/4.

11. (Amended) The TV receiving tuner according to claim 1, wherein the local oscillator outputs an oscillation signal having a frequency band of at least 767 to 473 MHz, and wherein the dividing rate of the first programmable divider can be changed to at least may be set to different values including 1, 1/3 and 1/6.

12. (Amended) The TV receiving tuner according to claim 2, wherein the tuner comprises further comprising:

a third programmable divider for receiving to receive the oscillation signal of the local oscillator and dividing divide the oscillation signal; and

a fourth mixer for mixing to mix the received TV signal and the an output of the third programmable divider and frequency converting the received TV signal into an intermediate-frequency signal having a predetermined third frequency,

wherein the local oscillator outputs an oscillation signal having a frequency band of at least 847 to 505 MHz, wherein the and a dividing rate of the second programmable divider is 1/3, and wherein the a dividing rate of the third programmable divider is 1/5.

13. (Amended) The TV receiving tuner according to claim 2, wherein the tuner comprises further comprising:

a third programmable divider for receiving to receive the oscillation signal of the local oscillator and dividing divide the oscillation signal; and  
a fourth mixer for mixing to mix the received TV signal and the an output of the third programmable divider and frequency converting the received TV signal into an intermediate-frequency signal having a predetermined third frequency,

wherein the local oscillator outputs an oscillation signal having a frequency band of at least 803 to 473 MHz, wherein the and a dividing rate of the second programmable divider is 1/3, and wherein the a dividing rate of the third programmable divider is 1/9.

14. (Amended) The TV receiving tuner of claim 2, wherein the tuner comprises further comprising:

a third programmable divider for receiving to receive the oscillation signal of the local oscillator and dividing divide the oscillation signal; and  
a fourth mixer for mixing to mix the received TV signal and the an output of the third programmable divider and frequency converting the received TV signal into an intermediate-frequency signal having a predetermined third frequency,

wherein the local oscillator outputs an oscillation signal having a frequency band of at least 824 to 530 MHz, wherein the and a dividing rate of the second programmable divider is 1/3, and wherein the a dividing rate of the third programmable divider is 1/4.

15. (Amended) The TV receiving tuner according to claim 2, wherein the tuner comprises further comprising:

a third programmable divider for receiving to receive the oscillation signal of the local oscillator and dividing divide the oscillation signal; and